

OCT 27 2003
PATENT & TRADEMARK OFFICE
Please type a plus sign (+) inside this box +

Based on PTO/SB/08 a & b (05-03)
Approved for use through 05/31/2003. OMB 0851-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of
information unless it contains a valid OMB control number

| | | | | | |
|--|---|----|---|------------------------|-------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Application Number | 10/079,270 |
| | | | | Filing Date | 2/20/02 |
| | | | | First Named Inventor | Steven Teig |
| | | | | Group Art Unit | 2825 |
| | | | | Examiner Name | Paul Dinh |
| Sheet | 4 | of | 4 | Attorney Docket Number | SPLX.P0127 |

| RELATED U.S. PATENT DOCUMENTS | | | | | | |
|-------------------------------|-----|--|------|------------|--------------------|---|
| PD | 41. | 2003/0115566 | 6/03 | 01-13-2002 | Steven Teig | Application regarding related routing technology |
| | 42. | 2003/0056187 S/N 10/047,982 | 3/03 | 01-14-2002 | Steven Teig et al. | Application regarding related routing technology |
| | 43. | Preliminary Amendment S/N 10/047,982 | | 01-14-2002 | Steven Teig et al. | This Preliminary Amendment is submitted as the publication 2003/0056187 does not accurately reflect the claims of S/N 10/047,982. |
| | 44. | 2003/0066044 | 4/03 | 01-13-2002 | Steven Teig et al. | Application regarding related routing technology. |
| | 45. | 2003/0066045 | 4/03 | 01-13-2002 | Steven Teig et al. | Application regarding related routing technology |
| | 46. | 2003/0088845 S/N 10/047,978 | 5/03 | 01-13-2002 | Steven Teig et al. | Application regarding related routing technology. |
| PD | 47. | Preliminary Amendment S/N 10/047,978 | | 01-13-2002 | Steven Teig et al. | This Preliminary Amendment is submitted as the publication 2003/0088845 does not accurately reflect the claims of S/N 10/047,978. |

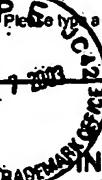
RECEIVED
OCT 30 2003
TECHNOLOGY CENTER 2800

| | | | |
|--------------------|------------------|-----------------|--------|
| Examiner Signature | <i>Paul Dinh</i> | Date Considered | 2/2/04 |
|--------------------|------------------|-----------------|--------|

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number(optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Please type a plus sign (+) inside this box

Based on PTO/SB/08 a & b (05-03)
 Approved for use through 05/31/2003. OMB 0651-0031
 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of
 information unless it contains a valid OMB control number

| | | | | | |
|--|---|----|---|------------------------|-------------|
| Substitute for form 1449A/PTO | | | | Application Number | 10/079,270 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Filing Date | 2/20/02 |
| (use as many sheets as necessary) | | | | First Named Inventor | Steven Teig |
| Sheet | 3 | of | 4 | Group Art Unit | 2825 |
| | | | | Examiner Name | Paul Dinh |
| | | | | Attorney Docket Number | SPLX.P0127 |

RECEIVED
TECHNOLOGY CENTER 2800
OCT 30 2003

| RELATED U.S. PATENT DOCUMENTS | | | | | |
|-------------------------------|---|-------|------------|--------------------|---|
| P0 | S/N 10/040,953 | | | | accurately reflect the claims of S/N 10/040,953. |
| 1 | 30. 2003/0023943 S/N 10/040,954 | 1/03 | 01-05-2002 | Steven Teig et al. | Application regarding related routing technology |
| | 31. Preliminary Amendment S/N 10/040,954 | | 01-05-2002 | Steven Teig et al. | This Preliminary Amendment is submitted as the publication 2003/0023943 does not accurately reflect the claims of S/N 10/040,954. |
| | 32. 2003/0066042 S/N 10/040,963 | 4/03 | 01-06-2002 | Steven Teig et al. | Application regarding related routing technology |
| | 33. Preliminary Amendment S/N 10/040,963 | | 01-05-2002 | Steven Teig et al. | This Preliminary Amendment is submitted as the publication 2003/0066042 does not accurately reflect the claims of S/N 10/040,963. |
| | 34. 2002/0174412 S/N 10/041,942 | 1/02 | 01-07-2002 | Steven Teig et al. | Application regarding related routing technology |
| | 35. Preliminary Amendment S/N 10/041,942 | | 01-07-2002 | Steven Teig et al. | This Preliminary Amendment is submitted as the publication 2002/0174412 does not accurately reflect the claims of S/N 10/041,942. |
| | 36. 2003/0088844 S/N 10/041,957 | 5/03 | 01-07-2002 | Steven Teig et al. | Application regarding related routing technology |
| | 37. Preliminary Amendmient S/N 10/041,957 | | 01-07-2002 | Steven Teig et al. | This Preliminary Amendment is submitted as the publication 2003/0088844 does not accurately reflect the claims of S/N 10/041,957. |
| | 38. 2002/0199165 S/N 10/046,864 | 10/02 | 01-13-2002 | Steven Teig et al. | Application regarding related routing technology |
| | 39. Preliminary Amendment S/N 10/046,864 | | 01-13-2002 | Steven Teig et al. | This Preliminary Amendment is submitted as the publication 2002/0199165 does not accurately reflect the claims of S/N 10/046,864. |
| P1 | 40. 2003/0066043 | 4/03 | 01-13-2002 | Steven Teig et al. | Application regarding related routing technology |

| | | | |
|-----------------------|-----------|--------------------|---------|
| Examiner Signature | Paul Dinh | Date Considered | 2/21/04 |
|-----------------------|-----------|--------------------|---------|

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number(optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Please type a plus sign (+) inside this box

Based on PTO/SB/08 a & b (05-03)

Approved for use through 05/31/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of
information unless it contains a valid OMB control number

| | | | | | |
|--|---|----|---|------------------------|-------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Application Number | 10/079,270 |
| Sheet | 2 | of | 4 | Filing Date | 2/20/02 |
| | | | | First Named Inventor | Steven Teig |
| | | | | Group Art Unit | 2825 |
| | | | | Examiner Name | Paul Dinh |
| | | | | Attorney Docket Number | SPLX.P0127 |

RECEIVED
OCT 30 2003
PATENT & TRADEMARK OFFICE
CENTER FOR RELATED TECHNOLOGY
2800
2003

RELATED U.S. PATENT DOCUMENTS

| | | | | | | |
|----|-----|--|------|------------|--------------------|--|
| PV | 16. | 2003/0088841 S/N 10/329,241 | 5/03 | 12-23-2002 | Steven Teig et al. | CIP of 2002/0133798 |
| | 17. | Preliminary Amendment S/N 10/329,241 | | 12-23-2002 | Steven Teig et al. | This Preliminary Amendment is submitted as the publication 2003/0088841 does not accurately reflect the claims of S/N 10/329,241. |
| | 18. | 2003/0018947 | 1/03 | 12-07-2001 | Steven Teig et al. | Application regarding related routing technology |
| | 19. | 2002/0147958 | 1/02 | 10-19-2001 | Steven Teig et al. | Application regarding related routing technology |
| | 20. | 2003/0079193 | 4/03 | 12-07-2001 | Steven Teig et al. | Application regarding related routing technology |
| | 21. | 2003/0063614 | 4/03 | 01-04-2002 | Steven Teig et al. | Application regarding related routing technology |
| | 22. | 2003/0064559 | 4/03 | 01-04-2002 | Steven Teig et al. | Application regarding related routing technology |
| | 23. | 2003/0063568 | 4/03 | 01-04-2002 | Steven Teig et al. | Application regarding related routing technology |
| | 24. | 2003/0101428 S/N 10/040,915 | 5/03 | 01-05-2002 | Steven Teig et al. | Application regarding related routing technology |
| | 25. | Preliminary Amendment S/N 10/040,915 | | 01-05-2002 | Steven Teig et al. | This Preliminary Amendment is submitted as the publication 2003/0101428 does not accurately reflect the claims of S/N 10/040,915. |
| | 26. | 2002/0166105 S/N 10/040,948 | 1/02 | 01-05-2002 | Steven Teig et al. | Application regarding related routing technology |
| | 27. | Preliminary Amendment S/N 10/040,948 | | 01-05-2002 | Steven Teig et al. | This Preliminary Amendment is submitted as the publication 2002/0166105 does not accurately reflect the claims of S/N 10/040,948. |
| | 28. | 2003/0043827 S/N 10/040,953 | 3/03 | 01-05-2002 | Steven Teig et al. | Application regarding related routing technology |
| PV | 29. | Preliminary Amendment | | 01-05-2002 | Steven Teig et al. | This Preliminary Amendment is submitted as the publication 2003/0043827 does not |

| | | | |
|-----------------------|-----------|--------------------|--------|
| Examiner Signature | Paul Dinh | Date Considered | 2/2/04 |
|-----------------------|-----------|--------------------|--------|

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number(optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Please type a plus sign (+) inside this box

Based on PTO/SB/08 a & b (05-03)
Approved for use through 05/31/2003. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of
information unless it contains a valid OMB control number



Substitute for form 1449A/PTO
INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(use as many sheets as necessary)

Sheet 1 of 4

| | |
|------------------------|-------------|
| Application Number | 10/079,270 |
| Filing Date | 2/20/02 |
| First Named Inventor | Steven Teig |
| Group Art Unit | 2825 |
| Examiner Name | Paul Dinh |
| Attorney Docket Number | SPLX.P0127 |

RECEIVED
TECHNOLOGY CENTER 2000
OCT 30 2003

RELATED U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. | U.S. Patent Document Number | Date of filing MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Related Application Data |
|-------------------|----------|---------------------------------------|---------------------------|---|---|
| PT | 1. | 2002/0133798 | 9/02 42-06-2000 | Steven Teig et al. | Present application is a CIP of 2002/0133798. |
| | 2. | 2002/0100007 | 1/02 T2-06-2000 | Steven Teig et al. | Present application is a CIP of 2002/0100007. |
| | 3. | 2002/0073390 S/N 09/737,210 | 6/02 TZ-13-2000 | Steven Teig et al. | Continuation of parent 2002/0133798 |
| | 4. | Preliminary Amendement S/N 09/737,210 | 12-13-2000 | Steven Teig et al. | This Preliminary Amendment is submitted as the publication 2002/0073390 does not accurately reflect the claims of S/N 09/737,210. |
| | 5. | S/N 09/737,220 | 12-13-2000 | Steven Teig et al. | Continuation of parent 2002/0133798 |
| | 6. | S/N 09/737,245 | 12-13-2000 | Steven Teig et al. | Continuation of parent 2002/0133798 |
| | 7. | S/N 09/739,460 | 12-15-2000 | Steven Teig et al. | Continuation of parent 2002/0100007. |
| | 8. | 2002/0124231 S/N 09/739,580 | 9/02 TZ-15-2000 | Steven Teig et al. | Continuation of parent 2002/0100007. |
| | 9. | Preliminary Amendement S/N 09/739,580 | 12-15-2000 | Steven Teig et al. | This Preliminary Amendment is submitted as the publication 2002/0124231 does not accurately reflect the claims of S/N 09/739,580. |
| | 10. | S/N 09/739,589 | 12-15-2000 | Steven Teig et al. | Continuation of parent 2002/0100007. |
| | 11. | S/N 09/742,171 | 12-19-2000 | Steven Teig et al. | Continuation of parent 2002/0100007. |
| | 12. | 2003/0121015 S/N 09/745,067 | 6/03 42-19-2000 | Steven Teig et al. | Continuation of parent 2002/0100007. |
| | 13. | Preliminary Amendement S/N 09/745,067 | 12-19-2000 | Steven Teig et al. | This Preliminary Amendment is submitted as the publication 2003/0121015 does not accurately reflect the claims of S/N 09/745,067. |
| | 14. | 2002/0069397 | 6/02 UT-13-2002 | Steven Teig et al. | CIP of 2002/0100007 & 2002/0133798. |
| PD | 15. | 2002/0170027 | 11/03 02-20-2002 | Steven Teig et al. | CIP of 2002/0100007 & 2002/0133798. |

Examiner Signature: Paul Dinh

Date Considered

2/2/07

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number(optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

O I P E
Please type a plus sign (+) inside this box → +

Based on PTO/SB/08 a & b (05-03)
Approved for use through 05/31/2003. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of
information unless it contains a valid OMB control number

| | | | | | |
|-------------------------------|---|----|---|------------------------|-------------|
| Substitute for form 1449A/PTO | | | | Application Number | 10/078,270 |
| | | | | Filing Date | 2/20/02 |
| | | | | First Named Inventor | Steven Telg |
| | | | | Group Art Unit | 2825 |
| | | | | Examiner Name | Paul Dinh |
| Sheet | 2 | of | 7 | Attorney Docket Number | SPLX.P0127 |

U.S. PATENT DOCUMENTS

| | | | | | |
|-----|-----------|----|------------|--------------------|--|
| 21. | 6,070,108 | | 05-30-2000 | Andreev et al. | |
| 22. | 6,128,767 | | 10-03-2000 | Chapman | |
| 23. | 6,209,123 | B1 | 03-27-2001 | Maziasz et al. | |
| 24. | 6,253,363 | B1 | 06-26-2001 | Gasanov et al. | |
| 25. | 6,295,634 | B1 | 09-25-2001 | Matsuimoto | |
| 26. | 6,324,674 | B2 | 11-27-2001 | Andreev et al. | |
| 27. | 6,324,675 | B1 | 11-27-2001 | Dutta et al. | |
| 28. | 6,327,693 | B1 | 12-04-2001 | Cheng et al. | |
| 29. | 6,327,694 | B1 | 12-04-2001 | Kanazawa | |
| 30. | 6,330,707 | | 12-11-2001 | Shinomiya et al. | |
| 31. | 6,378,121 | B1 | 04-23-2002 | Hiraga | |
| 32. | 6,407,434 | B1 | 06-18-2002 | Rostoker et al. | |
| 33. | 6,412,102 | B1 | 06-25-2002 | Andreev et al. | |
| 34. | 6,415,422 | B1 | 07-02-2002 | Mehrotra et al. | |
| 35. | 6,442,743 | B1 | 08-27-2002 | Sarrafzadeh et al. | |
| 36. | 6,448,591 | B1 | 09-10-2002 | Juengling | |
| 37. | 6,473,891 | B1 | 10-29-2002 | Shivley | |
| 38. | 6,480,991 | B1 | 11-12-2002 | Cho et al. | |
| 39. | 6,490,713 | B2 | 12-03-2002 | Matsuimoto | |
| 40. | 6,519,751 | B2 | 02-11-2003 | Sriram et al. | |
| 41. | 6,543,043 | B1 | 04-01-2003 | Wang et al. | |
| 42. | 6,546,540 | B1 | 04-08-2003 | Igarashi et al. | |
| 43. | 6,557,145 | B2 | 04-29-2003 | Boyle et al. | |

| | | | |
|--------------------|-----------|-----------------|--------|
| Examiner Signature | Paul Dinh | Date Considered | 2/3/04 |
|--------------------|-----------|-----------------|--------|

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-6199 and select option 2.